

Title (en)
DATASTREAM BLOCK ENCRYPTION

Title (de)
DATENSTROMBLOCKVERSCHLÜSSELUNG

Title (fr)
CRYPTAGE PAR BLOC DE FLUX DE DONNÉES

Publication
EP 3272060 A1 20180124 (EN)

Application
EP 15886621 A 20150320

Priority
US 2015021632 W 20150320

Abstract (en)
[origin: WO2016153457A1] In some examples, a non-transitory machine readable storage medium has machine readable instructions to cause a computer processor to segment a datastream into a plurality of equal length blocks each of which has a fixed length, separately encrypt each equal length block using a first encryption key, swap a subset of bits of a first encrypted equal length block with a subset of bits of a second encrypted equal length block such that both of the blocks each have a length equal to the fixed length, and separately encrypt each block using a second encryption key.

IPC 8 full level
H04L 9/06 (2006.01)

CPC (source: EP US)
H04L 9/06 (2013.01 - EP US); **H04L 9/0618** (2013.01 - EP US); **H04L 9/0637** (2013.01 - US); **H04L 9/065** (2013.01 - US);
H04L 9/14 (2013.01 - EP US); **H04L 63/0428** (2013.01 - US); **H04L 2209/24** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016153457 A1 20160929; CN 107534549 A 20180102; CN 107534549 B 20200630; EP 3272060 A1 20180124; EP 3272060 A4 20180314; EP 3272060 B1 20190501; TW 201637395 A 20161016; US 10742400 B2 20200811; US 2017279603 A1 20170928

DOCDB simple family (application)
US 2015021632 W 20150320; CN 201580078971 A 20150320; EP 15886621 A 20150320; TW 105107022 A 20160308; US 201515505671 A 20150320